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Date of Signature and Deposit: January 25, 2010

/Bennett J. Berson/

Bennett J. Berson, Reg. No. 37,094

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas P. Zwaka
James A. Thomson

Date: January 25, 2010

Serial No.: 10/774,122

Group Art Unit: 1633

Filed: February 6, 2004

Examiner: Maria Marvich

Title: DIRECTED GENETIC MODIFICATIONS
OF HUMAN STEM CELLS

Confirmation No.: 8384

File No.: 960296.99021

RESPONSE TO NON-FINAL OFFICE ACTION

Mail Stop AF
Commissioner for Patents
P O Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to a non-final Office Action mailed September 25, 2009, please enter the following response.

Listing of Claims begins on page 2 of this paper.

Remarks begin on page 7 of this paper.